

## *xtreme<sup>®</sup> quality for climate xtremes*

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We live in a changing world. Due to bushfires our living environment is becoming more extreme. In fact many homes lost to bush fires actually survive the main fire, only to fall victim to embers floating through shattered windows or doors.

That's why Trend has developed the Xtreme<sup>®</sup> range of aluminium windows and doors. They take the top quality Quantum range a step further – changing the design to protect Australian homes against the extremes of nature.

Featuring Pyro-Protec Seals with 5mm toughened glass, Xtreme<sup>®</sup> window systems are designed to withstand up to 40kw/m<sup>2</sup> of heat flux (CSIRO tested).

These are combined with our patented Van Door system which is a crucial element in helping a house survive a bushfire.

Xtreme<sup>®</sup> Windows & Doors are compliant to Section 8 Construction Service Bushfire Attack Level 40 (BAL-40), Radiant Heat Level 40kW/m<sup>2</sup>, AS3959 (2009). For full details of Standards requirements for individual products please refer to Trend<sup>®</sup> Windows & Doors Technical Department.

It's a hard world out there - use Xtreme<sup>®</sup> to help your home tough it out.

## *xtreme*<sup>®</sup>

### Xtreme<sup>®</sup> Windows

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Awning	91
Premium Sliding	95

### Xtreme<sup>®</sup> Doors

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Sliding	99
Hinged	103
Bifold	107

*awning windows*



## *stylish protection*

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Xtreme<sup>®</sup> awning windows help make the most of Australia's beautiful natural environment while protecting you from it at the same time.

Awning windows capture the breeze and give you plenty of space and light. Should the worst happen, close them up tight and they'll play a major part in helping your home survive.

Featuring Pyro-Protect™ Sealing and 5mm toughened glass, these windows are designed to withstand up to 40kw/m<sup>2</sup> of heat flux (CSIRO tested) – equivalent to an extreme bush fire, to help keep the house sealed against smoke and embers.



**Winner**  
Design EX 2006  
Product Design  
Best New Product  
Awards -  
Surface Finishes

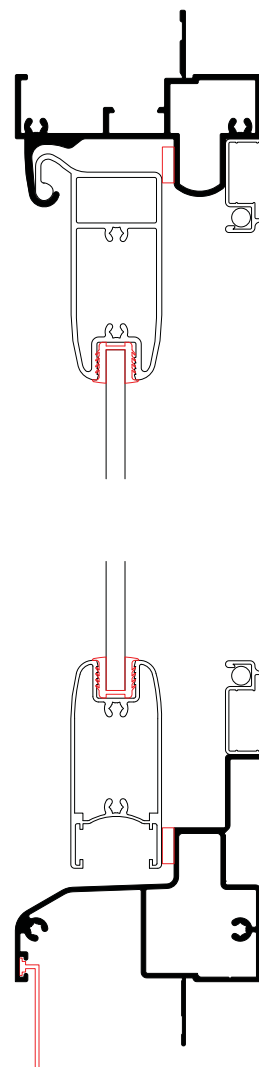


**Winner**  
Australian Windows  
Association 2006  
Design Awards -  
Most Innovative  
Component

## features & benefits

- 1 **Bushfire Features**  
Xtreme® Bushfire Windows & Doors have been tested to withstand temperatures up to 40kWm<sup>2</sup> without failure from either the glazing or from the window system itself, to help prevent internal ignition of houses and loss of precious possessions.
- 2 **Xtreme® Bushfire Windows & Doors System**  
Features include patented Van Door® and Pyro-Protect™ Sealing Systems acting to protect the home against wind, water, noise dust and bushfire penetration. Trend® has combined the technologically advanced Quantum XP® Windows system with Pyro-Protect™ seals, glazing systems and 5mm standard toughened glass to produce Xtreme® Windows and Doors.
- 3 **Energy Efficiency Options**  
Trend® Thermashield® in various glazing styles are available to help reduce energy consumption. Trend® Thermashield® means greater control, bigger savings and most importantly one less thing to worry about. Energy efficient options to u-value of 4.4 and SHGC 0.42 are available for Xtreme® Awning window.
- 4 **Acoustic options**  
SoundMizer® acoustic solutions in various STC ratings, are available to STC 31 for Xtreme® Bushfire Awning window. SoundMizer® acoustic solutions can reduce aircraft, highway traffic, railway and other annoying noise problems. For information or technical details contact Trend®.
- 5 **Key Lock Chain Winder**  
Xtreme® Windows winder mechanism is designed specifically for high performance, security and reliability. With a Polesium™ cover and base can be combined with a stainless steel chain for long life and reliability, the XP winder can be used in even the harshest environment without worry of corrosion. The robust mechanisms are mounted securely to the window with a concealed 4 point fixing. Keyed lock is standard for added security.
- 6 **Continuous Hinge Hood**  
The sash is protected from the weather by a continuous hinge hood that supports the sash and keeps the rain where it belongs - on the outside.
- 7 **Glazing**  
Xtreme® Premium Awning sash frames have 5mm toughened glass as standard and is available in 6mm single and 16mm double glazing for energy efficiency applications. Acoustic solutions are also available to high STC ratings.
- 8 **Frames**  
Xtreme® Bushfire Windows & Doors Premium frame is 65mm with the window sash 55mm wide. Xtreme® has a truly solid look, reminiscent of timber, and is extremely popular in both traditional and contemporary house designs.
- 9 **Window Placement**  
Care should be taken with locating opening awning windows in pedestrian traffic areas.
- 10 **Protective Wrapping**  
Protective wrapping for delivery to site is a standard for all Xtreme® products.
- 11 **Options**  
Easy to fit flyscreens can be fitted and removed from the inside. Wide range of powdercoat finishes available including timber powdercoat finishes.

\*Xtreme® Windows & Doors are compliant to Section 8 Construction Service Bushfire Attack Level 40 (BAL-40), Radiant Heat Level 40kW/m<sup>2</sup>, AS3959 (2009). For full details of Standards requirements for individual products please refer to Trend Windows & Doors Technical Department.



## ordering details







































































All windows are illustrated as viewed from outside. Codes shown are for plain windows. Manufactured from 65mm aluminium extrusion. The first two numbers of code indicate approximate height, the last two numbers indicate approximate width.

**Sash Style Options:**  
E indicates standard Xtreme Sash.  
Eg window code QPA0906E

**Configuration Options:**  
A indicates Awning  
AF indicates Awning/Fixed

AA indicates Awning/Awning  
AFA indicates Awning/Fixed/Awning  
T after the size indicates a Transom

# xtreme<sup>®</sup> awning windows

STUD OPENING WINDOW		666	906	966	1146	1256	1626	1856	2226	2456	2706
		610	850	910	1090	1200	1570	1800	2170	2400	2650
656	600										
996	940										
1086	1030										
1256	1200										
1426	1370										
1856	1800										
2091	2035										

*premium sliding windows*



## *tough and sleek*

---

Nature can be both beautiful and cruel. Xtreme<sup>®</sup> sliding windows are specifically built to handle both.

They open up your home to broad vistas and summer breezes while ensuring you have a high level of protection from bushfires.

Featuring Pyro-Protec<sup>™</sup> Sealing and 5mm toughened glass, these windows are designed to withstand up to 40kw/m<sup>2</sup> of heat flux (CSIRO tested) – equivalent to an extreme bush fire. While our patented Van Door system keeps the house sealed against smoke and embers.



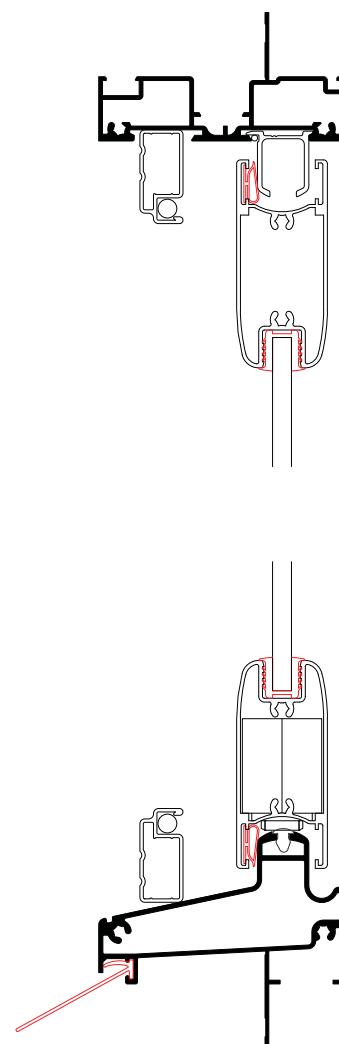
**Winner**  
Design EX 2006  
Product Design  
Best New Product  
Awards -  
Surface Finishes



**Winner**  
Australian Windows  
Association 2006  
Design Awards -  
Most Innovative  
Component

## features & benefits

- 1 **Bushfire Features**  
Xtreme® Bushfire Windows & Doors have been tested to withstand temperatures up to 40kW/m<sup>2</sup> without failure from either the glazing or from the window system itself, to help prevent internal ignition of houses and loss of precious possessions.
  - 2 **Xtreme® Bushfire Windows & Doors System**  
Features include patented Van Door® and Pyro-Protect™ Sealing Systems acting to protect the home against wind, water, noise dust and bushfire penetration. Trend® has combined the technologically advanced Quantum XP Windows® system with Pyro-Protect™ seals glazing systems and 5mm standard toughened glass to produce Xtreme® Windows and Doors.
  - 3 **Energy Efficiency Options**  
Trend® Thermashield® in various glazing styles are available to help reduce energy consumption. Trend® Thermashield® means greater control, bigger savings and most importantly one less thing to worry about. Energy efficient options to u-value of 4.0 and SHGC 0.46 are available for Xtreme® Sliding window.
  - 4 **Acoustic options**  
SoundMizer® acoustic solutions in various STC ratings, are available to STC 31 for Xtreme® Bushfire Windows & Doors Sliding window. SoundMizer® acoustic solutions can reduce aircraft, highway traffic, railway and other annoying noise problems. For information or technical details contact Trend®.
  - 5 **Security**  
Xtreme® Premium Sliding Window is available with an optional concealed integral ventlock which allows the window to be deadlocked while partly open to allow for ventilation. Optional deadlock and fire egress features are also available.
  - 6 **Fire Safety Egress**  
Fire egress security screen pin system available which allows for rapid removal of barrier screens in the event of an emergency.
  - 7 **Glazing**  
Xtreme® Premium sash frames have 5mm toughened glass as standard and is available in 6mm single and 16mm double glazing for energy efficiency applications. Acoustic solutions are also available to high STC ratings.
  - 8 **Frames**  
Xtreme® Bushfire Windows & Doors Premium frame is 65mm with the window sash 55mm wide. Xtreme® has a truly solid look, reminiscent of timber, and is extremely popular in both traditional and contemporary house designs.
  - 9 **Window Rollers**  
The Premium range uses a heavy duty, dual wheel system for smooth operation.
  - 10 **Protective Wrapping**  
Protective wrapping for delivery to site is a standard for all Xtreme® products.
  - 11 **Options**  
Easy to fit tension loaded flyscreens can be fitted and removed from the inside. Wide range of powdercoat finishes available including timber powdercoat finishes.
- \*Xtreme® Windows & Doors are compliant to Section 8 Construction Service Bushfire Attack Level 40 (BAL-40), Radiant Heat Level 40kW/m<sup>2</sup>, AS3959 (2009). For full details of Standards requirements for individual products please refer to Trend Windows & Doors Technical Department.



## ordering details

















































































All windows are illustrated as viewed from outside. Codes shown are for plain windows. Manufactured from 65mm aluminium extrusion & 55mm Sash material. The first two numbers of code indicate approximate height, the last two numbers indicate approximate width.

**Sash Style Options:**  
E indicates Xtreme Option.  
Eg window code QPSF0906E

**Configuration Options:**  
SF indicates Sliding/Fixed  
FS indicates Fixed/Sliding

SFS indicates Sliding/Fixed/Sliding  
F indicated Fixed  
T after the size indicates a Transom

# xtreme<sup>®</sup> premium sliding windows

STUD OPENING WINDOW	666	906	966	1146	1256	1626	1856	2226	2456	2706
	610	850	910	1090	1200	1570	1800	2170	2400	2650
656 600										
996 940										
1086 1030										
1256 1200										
1426 1370										
1696 1540										
1856 1800										
2091 2035										

*sliding doors*



## *ultimate safeguard*

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Xtreme<sup>®</sup> sliding doors open up your home to the best of your natural surroundings while protecting it against the worst.

Perfect for capturing bushy views, broad vistas and summer breezes they also give the highest levels of protection from bushfires.

Featuring Pyro-Protec™ Sealing and 5mm toughened glass designed to withstand up to 40kw/m<sup>2</sup> of heat flux (CSIRO tested) – equivalent to an extreme bush fire.



**Winner**  
Design EX 2006  
Product Design  
Best New Product  
Awards -  
Surface Finishes

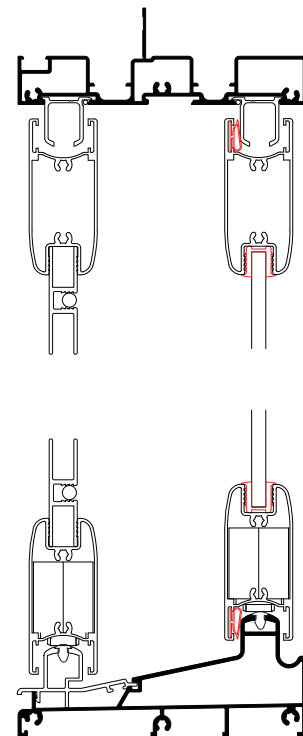


**Winner**  
Australian Windows  
Association 2006  
Design Awards -  
Most Innovative  
Component

## features & benefits

- 1 **Bushfire Features**  
Xtreme® Bushfire Windows & Doors have been tested to withstand temperatures up to 40kW/m<sup>2</sup> without failure from either the glazing or from the window system itself, to help prevent internal ignition of houses and loss of precious possessions.
- 2 **Xtreme® Bushfire Windows & Doors System**  
Features include patented Van Door® and Pyro-Protac™ Sealing Systems acting to protect the home against wind, water, noise dust and bushfire penetration. Trend® has combined the technologically advanced Quantum XP Windows® system with Pyro-Protac™ seals glazing systems and 6mm standard toughened glass to produce Xtreme® Windows and Doors.
- 3 **Energy Efficiency Options**  
Trend® Thermashield® in various glazing styles are available to help reduce energy consumption. Trend® Thermashield® means greater control, bigger savings and most importantly one less thing to worry about. Energy efficient options to u-value of 3.6 and SHGC 0.57 are available for Xtreme® Sliding Door.
- 4 **Acoustic options**  
SoundMizer® acoustic solutions in various STC rating are available to STC 28 for Xtreme® Sliding Door. SoundMizer® acoustic solutions can reduce aircraft, highway traffic, railway and other annoying noise problems. For information or technical details contact Trend®.
- 5 **Locks**  
Sliding doors are fitted with a double cylinder deadlock as standard.
- 6 **Safety Glazing**  
Toughened Safety A Grade Glass with a visual motif at the mid point to provide added safety. Double Glazing is available for energy efficiency requirements.
- 7 **Heavy Duty Rollers**  
Xtreme® Sliding Door uses a heavy duty, dual wheel roller system for smooth operation. Glass door panels roll on heavy duty adjustable acetel wheels, that are perfectly matched to the sill rail to ensure efficient running.
- 8 **Frames**  
Xtreme® Bushfire Sliding Door frame is 101.6mm wide with the sash 55mm wide. The sash has aesthetically pleasing lines and a smooth rounded profile that has a truly solid look. Reminiscent of timber, Xtreme® is extremely popular in both traditional and contemporary house designs.  
  
Maximum Door Height is 2400mm.  
Maximum Door Width is 4760mm (up to 4 panel door)
- 9 **Optional Heavy Duty Barrier and Insect Screen Door**  
The sturdy extruded aluminium, external sliding barrier door is fitted with dual lock that ensure the safety and security while opening.
- 10 **Build-In Accessories**
  - 180° non-load-bearing couplers.
  - 135° non-load-bearing corner couplers.
  - 100mm aluminium architraves for replacement door installations.
  - Adjustable aluminium storm mould.
  - Extruded aluminium 180° mullion covers to hide load-bearing posts.
- 11 **Security**  
Xtreme® Sliding Door has a double parrot beak with a 2 point locking system. Striker plate is mounted with full fixing inside jamb for added security.
- 12 **Protective Wrapping**  
Protective wrapping for delivery to site is a standard for all Xtreme® products.
- 13 **Options**  
Wide range of powdercoat finishes including timber finishes available.

\*Xtreme® Windows & Doors are compliant to Section 8 Construction Service Bushfire Attack Level 40 (BAL-40), Radiant Heat Level 40kW/m<sup>2</sup>, AS3959 (2009). For full details of Standards requirements for individual products please refer to Trend Windows & Doors Technical Department.



### General:

Two and Three panels doors available as reverse to brochure  
Four panel doors have a prefix of QPFXF

## ordering details

All doors are illustrated as viewed from outside. Codes shown are for plain doors.

The first two numbers of code indicate approximate height, the last two numbers indicate approximate width.





### Sash Style Options:




E indicates Xtreme sash style.  
Eg door code QPXF2118E

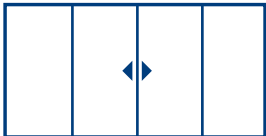
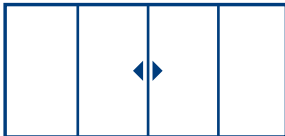
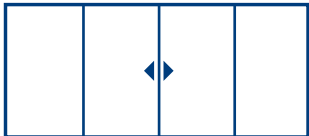
### Configuration Options:

XF indicates Sliding/Fixed  
FX indicates Fixed/Sliding  
FXF indicates Sliding/Fixed/Sliding  
FXXF indicates Fixed/Sliding/Sliding/Fixed

## xtreme<sup>®</sup> sliding doors

STUD OPENING	1626	1856	2226	2456
	DOOR SIZE	1570	1800	2170
2456 2156				
	2400 2100	QPXF2116E QPXF2416E	QPXF2118E QPXF2418E	QPXF2122E QPXF2422E

STUD OPENING	2761	3316	3661
	DOOR SIZE	2705	3260
2456 2156			
	2400 2100	QPFXF2127E QPFXF2427E	QPFXF2132E QPFXF2432E

STUD OPENING	3616	4356	4816
	DOOR SIZE	3560	4300
2456 2156			
	2400 2100	QPFXFXF2135E QPFXFXF2435E	QPFXFXF2143E QPFXFXF2443E

*hinged doors*



## *more than a door*

---

Xtreme<sup>®</sup> hinged doors give a warm welcome for friends and family while ensuring there's no way in for a bushfire.

They not only look great they perform to the highest standards. Pyro-Protect<sup>™</sup> Sealing, 5mm toughened glass and strong aluminium frames are designed to withstand up to 40kw/m<sup>2</sup> of heat flux (CSIRO tested) – equivalent to an extreme bush fire.



**Winner**  
Design EX 2006  
Product Design  
Best New Product  
Awards -  
Surface Finishes



**Winner**  
Australian Windows  
Association 2006  
Design Awards -  
Most Innovative  
Component

## features & benefits

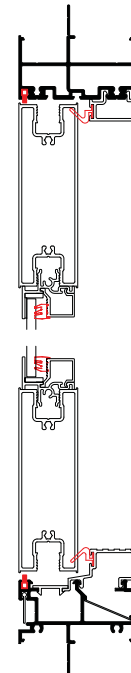
- 1 Bushfire Features  
Xtreme® Bushfire Windows & Doors have been tested to withstand temperatures up to 40kW/m<sup>2</sup> without failure from either the glazing or from the window system itself, to help prevent internal ignition of houses and loss of precious possessions.
- 2 Xtreme® Bushfire Windows & Doors System  
Features include Pyro-Protect™ Sealing Systems acting to protect the home against wind, water, noise dust and bushfire penetration. Trend® has combined the hinged door with Pyro-Protect™ glazing seals systems with 6mm standard toughened glass to produce Xtreme® Hinged Doors.
- 3 Energy Efficiency Options  
Trend® Thermashield® in various glazing styles are available to help reduce energy consumption. Trend® Thermashield® means greater control, bigger savings and most importantly one less thing to worry about. Energy efficient options to u-value of 6.0 and SHGC 0.27 are available for Trend® Xtreme® Bushfire Hinged Door.
- 4 Acoustic options  
SoundMizer® acoustic solutions in various STC ratings, are available to STC 27 for Trend® Xtreme® Bushfire Hinged Door. SoundMizer® acoustic solutions can

reduce aircraft, highway traffic, railway and other annoying noise problems. For information or technical details contact Trend®.

- 5 Safety Glazing  
Toughened Safety A Grade Glass with a visual motif at the mid point to provide added safety. Double Glazing is available for energy efficiency requirements.
- 6 Locks  
Standard patio deadlock is fitted for security. Optional three point locking is also available.
- 7 Hinges  
The door is hung on special offset fast-fix hinges to eliminate binding. The door can also be supplied with Parliament hinges where the door is to swing out flush to brickwork.
- 8 Direction of Opening  
The door can only be ordered as open out both in single and double doors only.
- 9 Drained Sill  
Standard on the door is the fully drained sill to improve the weathering on the door.
- 10 Protective Wrapping  
Protective wrapping for delivery to site is a standard for all Xtreme® products.

- 11 Options  
Wide range of powdercoat finishes including timber finishes available.

\*Xtreme® Windows & Doors are compliant to Section 8 Construction Service Bushfire Attack Level 40 (BAL-40), Radiant Heat Level 40kW/m<sup>2</sup>, AS3959 (2009). For full details of Standards requirements for individual products please refer to Trend Windows & Doors Technical Department.



## ordering details

All doors are illustrated as viewed from outside. Codes shown are for plain doors.

The number in the code indicates width of the frame to suit either a 620, 720 or 820 door. AP Indicates Aluminium Provincial Door.

When specifying door type, firstly select frame size. Eg AP898

Select door style by placing the code after the frame size. Eg AP898/FL

### Opening

OI indicates door Opens In. Eg AP898/FL-OI  
OO indicates doors Opens Out.  
Eg AP898/FL-OO

### Sash Style Options:

E indicates Xtreme sash style.  
Eg door code AP898/CR-OI E

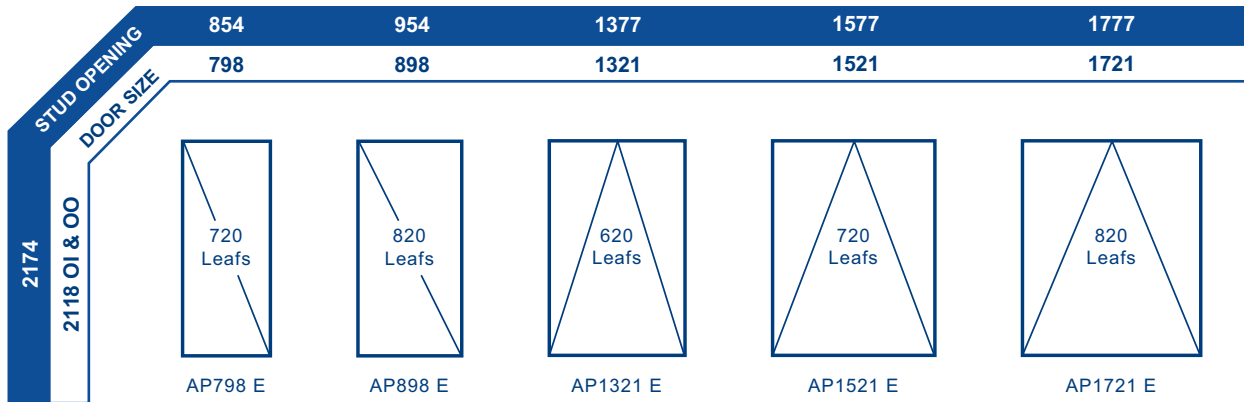
### General:

Black hardware is supplied as standard

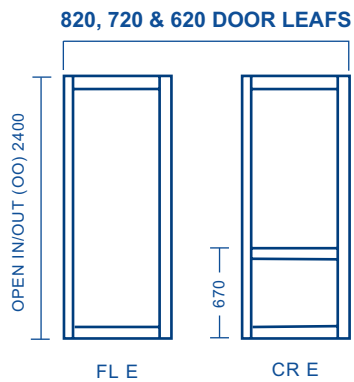
### Notes:

- AP indicates Aluminium Provincial Door.
- 1) When specifying door type, firstly select frame size, eg AP898
  - 2) Select door type by placing a code after frame size, eg AP898/FL E  
Code: E = Xtreme® Bushfire Product

## xtreme® hinged doors



### DOORS



## notes

All windows and doors are designed to 700pa wind velocity and 150pa water rating.

For higher ratings consult Trend® Windows & Doors sales personnel.

AP indicates Aluminium Provincial Door.

1) When specifying door type, firstly select frame size, eg AP898

2) Select door type by placing a code after frame size, eg AP898/FL E  
Code: E = Xtreme® Bushfire Product

*bifold doors*



## *beat the heat*

---

Xtreme<sup>®</sup> bi-fold doors also perform a two-fold job. First they add style - opening up living areas to views and cool breezes.

At the same time they also provide high levels of protection from bushfires. So you can enjoy the best of indoor outdoor living knowing that the indoors is protected from the worst of the outdoors.

Pyro-Protect<sup>™</sup> Sealing and 5mm toughened glass helps these doors withstand up to 40kw/m<sup>2</sup> of heat (CSIRO tested) – equivalent to an extreme bush fire. Helping keep the house sealed against smoke and embers.



**Winner**  
Design EX 2006  
Product Design  
Best New Product  
Awards -  
Surface Finishes



**Winner**  
Australian Windows  
Association 2006  
Design Awards -  
Most Innovative  
Component

## features & benefits

### 1 Bushfire Features

Xtreme® Bushfire Windows & Doors have been tested to withstand temperatures up to 40kW/m<sup>2</sup> without failure from either the glazing or from the window system itself, to help prevent internal ignition of houses and loss of precious possessions.

### 2 Xtreme® Bushfire Windows & Doors System

Features include Pyro-Protect™ Sealing Systems acting to protect the home against wind, water, noise dust and bushfire penetration. Trend® has combined the technologically advanced Quantum Windows® system with Pyro-Protect™ glazing seal system with 6mm standard toughened glass to produce Xtreme® Bifold Doors.

### 3 Energy Efficiency Options

Trend® Thermashield® in various glazing styles are available to help reduce energy consumption. Trend® Thermashield® means greater control, bigger savings and most importantly one less thing to worry about. Energy efficient options to u-value of 4.0 and SHGC 0.52 are available for Trend® Xtreme® Bifold Door.

### 4 Acoustic options

SoundMizer® acoustic solutions in various STC ratings, are available to STC 26 for Trend® Xtreme® Bifold Door. SoundMizer® acoustic solutions can reduce aircraft, highway traffic, railway and other annoying noise problems. For information or technical details contact Trend®.

### 5 Door Hardware

Stainless steel hardware is provided as standard. Door hardware, hinges and drop bolts are available in three finishes, stainless steel, gold and black powder coat.

### 6 Safety Glazing

Toughened Safety A Grade Glass with a visual motif at the mid point to provide added safety. Double Glazing is available for energy efficiency requirements.

### 7 Frames

The weight of the bifold doors must be considered in the structural beam calculation of the overall structure. The bifold door and frame are not structural elements and the head of the frame should be attached to the structural beam.

Maximum Frame Height is 2400mm  
Maximum Frame Width is 6065mm  
Maximum Door Leaf Size is 870mm  
Maximum Weight in one direction is 180kg

### 8 Protective Wrapping

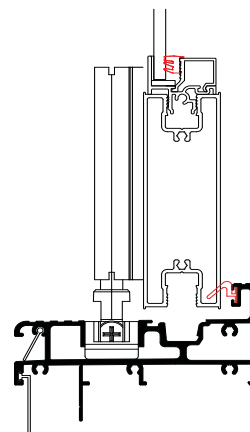
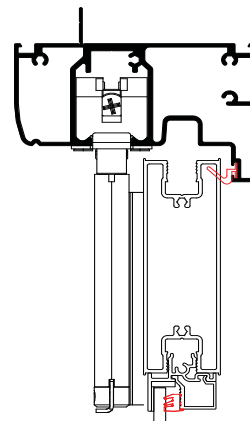
Protective wrapping for delivery to site is a standard for all Xtreme® products.

### 9 Options

Wide range of powdercoat finishes including Timber finishes available.

NOTE: Available open out only.

\*Xtreme® Windows & Doors are compliant to Section 8 Construction Service Bushfire Attack Level 40 (BAL-40), Radiant Heat Level 40kW/m<sup>2</sup>, AS3959 (2009). For full details of Standards requirements for individual products please refer to Trend Windows & Doors Technical Department.



## ordering details

All doors are illustrated as viewed from outside. Codes shown are for plain windows.

The first two numbers of code indicate approximate height, the last two numbers indicate approximate width.

### Sash Style Options:

E indicates Xtreme sash style.  
Eg door code ABF2214/2LE

### Configuration Options:

Configuration is shown at the end of the code.  
Eg door code ABF2220/1L2R (1Left, 2Right)

## notes

The weight of the bifold doors must be considered in the structural beam calculation of the overall structure.

The bifold door and frame are not structural elements and the head of the frame should be attached to the structural beam.

Available open out only.

Maximum frame height 2400mm.  
Max door leaf size 870mm.  
Max frame width is 6062mm.  
Max weight in one direction 180kg.

## xtreme<sup>®</sup> bifold system

STUD OPENING DOOR		FRAME WIDTH + 56mm	Frame Width	Leaf Directions	Leaf #	Door Code
FRAME HEIGHT + 56mm 2165 STANDARD HEIGHT 2400 MAX. HEIGHT	2 PANELS 1800 MAX. WIDTH	1388		2L	ABF2214/2L E ABF2216/2L E ABF2218/2L E	
		1588		2R	ABF2214/2R E ABF2216/2R E ABF2218/2R E	
		1788				
	3 PANELS 2700 MAX. WIDTH	2043		3L	ABF2220/3L E ABF2223/3L E ABF2226/3L E	
		2343		3R	ABF2220/3R E ABF2223/3R E ABF2226/3R E	
		2643				
		2046		2L 1R	ABF2220/2L1R E ABF2223/2L1R E ABF2226/2L1R E	
		2346		1L 2R	ABF2220/1L2R E ABF2223/1L2R E ABF2226/1L2R E	
		2646				
	4 PANELS 3500 MAX. WIDTH	2700		3L 1R	ABF2227/3L1R E ABF2231/3L1R E ABF2235/3L1R E	
		3100		1L 3R	ABF2227/1L3R E ABF2231/1L3R E ABF2235/1L3R E	
		3500				
		2696		2L 2R	ABF2227/2L2R E ABF2231/2L2R E ABF2235/2L2R E	
		3096		4L	ABF2227/4L E ABF2231/4L E ABF2235/4L E	
		3496		4R	ABF2227/4R E AB2231/4R E ABF2235/4R E	
	5 PANELS 4400 MAX. WIDTH	3350		5L	ABF2234/5L E ABF2239/5L E ABF2244/5L E	
		3860		5R	ABF2234/5R E ABF2239/5R E ABF2244/5R E	
		4360				
		3360		4L 1R	ABF2234/4L1R E ABF2239/4L1R E ABF2244/4L1R E	
		3860		1L 4R	ABF2234/1L4R E ABF2239/1L4R E ABF2244/1L4R E	
4360						
3355			3L 2R	ABF2234/3L2R E ABF2239/3L2R E ABF2244/3L2R E		
3855			2L 3R	ABF2234/2L3R E ABF2239/2L3R E ABF2244/2L3R E		
4355						

## features & benefits

- 1 **Bushfire Features**  
Xtreme® Bushfire Windows & Doors have been tested to withstand temperatures up to 40kW/m<sup>2</sup> without failure from either the glazing or from the window system itself, to help prevent internal ignition of houses and loss of precious possessions.
- 2 **Xtreme® Bushfire Windows & Doors System**  
Features include Pyro-Protect™ Sealing Systems acting to protect the home against wind, water, noise dust and bushfire penetration. Trend® has combined the technologically advanced Quantum Windows® system with Pyro-Protect™ glazing seal system with 6mm standard toughened glass to produce Xtreme® Bifold Doors.
- 3 **Energy Efficiency Options**  
Trend® Thermashield® in various glazing styles are available to help reduce energy consumption. Trend® Thermashield® means greater control, bigger savings and most importantly one less thing to worry about. Energy efficient options to u-value of 4.0 and SHGC 0.52 are available for Trend® Xtreme® Bifold Door.
- 4 **Acoustic options**  
SoundMizer® acoustic solutions in various STC ratings, are available to STC 27 for Trend® Xtreme® Bifold Door. SoundMizer® acoustic solutions can reduce aircraft, highway traffic, railway and other annoying noise problems. For information or technical details contact Trend®.
- 5 **Door Hardware**  
Stainless steel hardware is provided as standard. Door hardware, hinges and drop bolts are available in three finishes, stainless steel, gold and black powder coat.
- 6 **Safety Glazing**  
Toughened Safety A Grade Glass with a visual motif at the mid point to provide added safety. Double Glazing is available for energy efficiency requirements.
- 7 **Frames**  
The weight of the bifold doors must be considered in the structural beam calculation of the overall structure. The bifold door and frame are not structural elements and the head of the frame should be attached to the structural beam.
- 8 **Protective Wrapping**  
Protective wrapping for delivery to site is a standard for all Xtreme® products.
- 9 **Options**  
Wide range of powdercoat finishes including Timber finishes available.

Maximum Frame Height is 2400mm  
Maximum Frame Width is 6065mm  
Maximum Door Leaf Size is 870mm  
Maximum Weight in one direction is 180kg

NOTE: Available open out only.

\*Xtreme® Windows & Doors are compliant to Section 8 Construction Service Bushfire Attack Level 40 (BAL-40), Radiant Heat Level 40kW/m<sup>2</sup>, AS3959 (2009). For full details of Standards requirements for individual products please refer to Trend Windows & Doors Technical Department.

## ordering details

All doors are illustrated as viewed from outside. Codes shown are for plain windows.

The first two numbers of code indicate approximate height, the last two numbers indicate approximate width.

**Sash Style Options:**  
E indicates Xtreme sash style.  
Eg door code ABF2214/2LE

**Configuration Options:**  
Configuration is shown at the end of the code.  
Eg door code ABF2220/1L2R (1Left, 2Right)

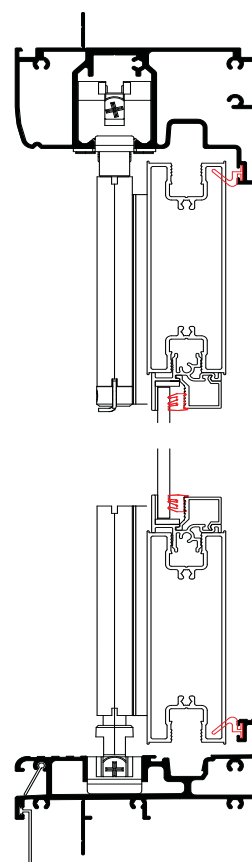
## notes

The weight of the bifold doors must be considered in the structural beam calculation of the overall structure.

The bifold door and frame are not structural elements and the head of the frame should be attached to the structural beam.

Available open out only.

Maximum frame height 2400mm.  
Max door leaf size 870mm.  
Max frame width is 6062mm.  
Max weight in one direction 180kg.



## xtreme<sup>®</sup> bifold system

FRAME WIDTH + 56mm		Frame Width	Leaf Directions	Leaf #	Door Code	
STUD OPENING DOOR	6 PANELS 5300 MAX. WIDTH	4002		6L	ABF2240/6L E ABF2246/6L E ABF2252/6L E	
		4602		6R	ABF2240/6R E ABF2246/6R E ABF2252/6R E	
		5202		4L 2R	ABF2240/4L2R E ABF2246/4L2R E ABF2252/4L2R E	
				2L 4R	ABF2240/2L4R E ABF2246/2L4R E ABF2252/2L4R E	
		7 PANELS 6065 MAX. WIDTH	4008		3L 3R	ABF2240/3L3R E ABF2246/3L3R E ABF2252/3L3R E
			4608		5L 1R	ABF2240/5L1R E ABF2246/5L1R E ABF2252/5L1R E
	5208			1L 5R	ABF2240/1L5R E ABF2246/1L5R E ABF2252/1L5R E	
	4653			7L	ABF2247/7L E ABF2253/7L E ABF2261/7L E	
			5353		7R	ABF2247/7R E ABF2253/7R E ABF2261/7R E
			6053			
	2165 STANDARD HEIGHT 2400 MAX. HEIGHT	7 PANELS 6065 MAX. WIDTH	4662		5L 2R	ABF2247/5L2R E ABF2254/5L2R E ABF2261/5L2R E
			5362		2L 5R	ABF2247/2L5R E ABF2254/2L5R E ABF2261/2L5R E
6062				4L 3R	ABF2247/4L3R E ABF2254/4L3R E ABF2261/4L3R E	
				3L 4R	ABF2247/3L4R E ABF2254/3L4R E ABF2261/3L4R E	
6065 MAX. WIDTH			1L 6R	ABF2247/1L6R E ABF2254/1L6R E ABF2261/1L6R E		
			6L 1R	ABF2247/6L1R E ABF2254/6L1R E ABF2261/6L1R E		